

# **CALFED Risk Assessment Work Plan**

## **August 26, 1999**

### **Goal**

The goal of CALFED's risk assessment, as described in the Phase II report, is to quantify the risks to levee dependent systems, evaluate the consequences and implement an appropriate risk management strategy. In addition, CALFED will quantify the risks to water supply reliability for both in-Delta and Delta export water users.

### **Scope**

Before a risk assessment is implemented its scope must be determined. A Scoping Team should direct the preparation of a work plan and cost estimate outlining how and to what extent risks and consequences would be quantified and how the risk management strategy would be developed with agency and stakeholder input.

**The Scoping Team will answer the following questions:**

- What **assets** should be considered? (Delta Levees, CVP conveyance facilities, SWP conveyance facilities, etc.)
- What **risks** should be considered? (e.g. Project conveyance outages, droughts, water quality, endangered species act, terrorism, etc.)
- Will the quantification of both risk and consequences have sufficient **accuracy** to make a compelling argument to implement the risk management strategies?
- What information will a risk assessment generate that will assist in developing the risk management strategies? (e.g. What information is still needed to implement CALFED's proposed risk management strategies such as improving emergency response capabilities?)

### **List of assets at risk**

- Delta Levees
- CVP conveyance facilities
- SWP conveyance facilities
- In-Delta water user facilities
- Delta ecosystem

### **List of risks to be considered**

- Project conveyance outages
- Droughts
- Floods
- Water Quality Control Plan (drinking and environmental water quality including toxic spills)
- Endangered species act
- Terrorism